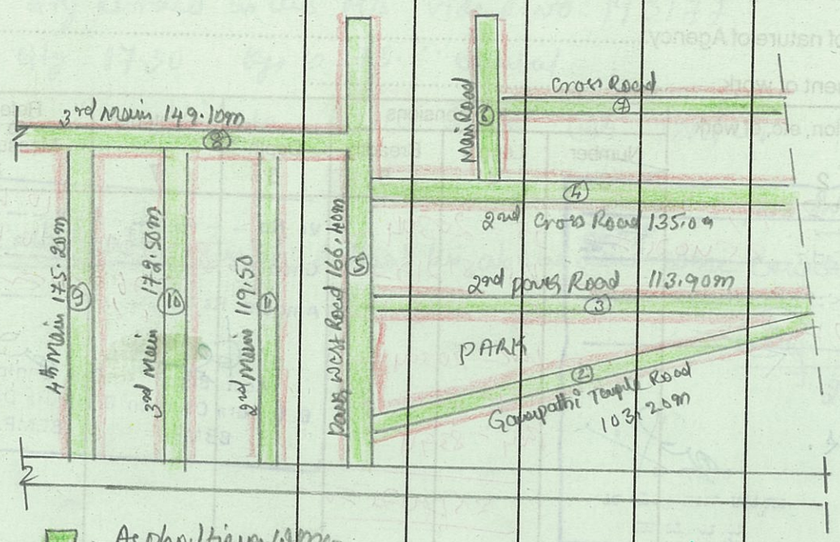
Location plan

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							N A NOT TO Scale

JE

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BR-273/28-8-14

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10

193160

Serial No. I^st and final Bill

Name of work. Improvements of Roads and Storm drains in UAS layout Temple and Cross Roads in Talahalli Ward NO7 Byatarayanapura

Name of Contractor or nature of Agency.

Date of commencement of work. Est cost Rs 50.00 Lakhs JTB NO 007-14-000115

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	AS NO: JC(y) AS NO/988/14-15 TS NO: CE BTP/TS NO/18/14-15 Agency: KRIDL Work order NO: EE/BTP/W.O/26/14-15 Agg NO: EE/BTP/Agg NO/26/14-15						
①	Earth work Excavation by Mechanical Means in O.S oil involving an Avg Horizontal through up to 2m and an Avg Lift up to 0.5m Excavated Surface levelled etc complete as per Specification Quantity Recorded in this MB vide P. NO 193180. Qty = ~~715.398~~ 715.28 Cum @ Rs 65.88/Cum					Rs	~~47,130=00~~ 47122.66

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	Scarifying the Existing granular Road Surface to a depth of 50 mm and disposal of Scarified Materials etc complete as per Specification Quantity Recorded in this MB vide P.No 193188 Qty = 8126.71 Sqm. @ Rs 16.47/Sqm					Rs	138922-24 133847=00
3)	Compaction of original Ground with Maximum of 6. pass 8-10 T Road Roller including filling of pothole etc complete as per Specifications Qty is Same as item no (2). Qty = 8126.71 Sqm @ Rs 3.94/Sqm					Rs	32228-55 32,019=00
4)	providing laying and spreading Graded Stone aggregate to wet mix Macadam Specification including premixing all Materials with water at one in Mechanical mix plant etc complete as per Specifications						

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 193161

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity Recorded in this MB vide P.No 193188 Qty 1226.37 Cmtr @ Rs 1121.04/cmtr 1228-80					Rs	1377538-95 1373690=00
5)	providing and applying primer coat with bituminen Emulsion on prepared Surface of Granular base including drawing of Road Surface and spreading primer coat etc complete as per Specification. Quantity is Same as item no (4). Qty = 8126.71 Sqmt @ Rs 44.28/Sqm 8192					Rs	362742 359851=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	providing and laying SDBC of 30 mm thick with 180-120 batch type HMP producing an Avg output of 75T. per hourse using Crushed aggregate of Specified Grading thro hot Mix plant laying Hydraulic paver with 80/100 Grade bitumen using HMP using Mechanical paver etc complete as per Specifications.						
	Ganapathi Temple Road (W-E)	1	30.0	$\frac{7.2+7.5}{2}$	0.03	6.62 cub	
	(W-E)	1	30.0	$\frac{7.5+5.90}{2}$	0.03	6.03	
		1	30.0	$\frac{5.9+4.25}{2}$	0.03	4.57	
		1	13.20	$\frac{4.25+4.20}{2}$	0.03	1.67	
	2nd pauls north Road (E-W)	1	30.0	$\frac{5.1+5.2}{2}$	0.03	4.64	
		1	30.0	4.80	0.03	4.32	
		1	30.0	5.30	0.03	4.77	
	2nd Cross Road (W-E)	1	23.90	5.30	0.03	3.80	
		1	30.0	5.50	0.03	4.95	
		1	30.0	5.30	0.03	4.77	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 193162

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	5.20	0.03	4.68 Cents	
		1	30.0	5.10	0.03	4.56 4.59	
		1	15.0	5.10	0.03	2.30	
	pauls Road west side (S-N).	1	30.0	8.0	0.03	7.20	
		1	30.0	8.20	0.03	7.38	
		1	30.0	8.20	0.03	7.38	
		1	30.0	8.0	0.03	7.20	
		1	30.0	8.0	0.03	7.20	
		1	16.40	7.90	0.03	3.89	
	Main Road (N-S)	1	30.0	5.20	0.03	4.68	
		1	30.50	5.60	0.03	5.12	
	Cross Road (E-W)	1	30.0	5.50	0.03	4.95	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	5.50	0.03	4.95 Cub	
		1	19.50	5.50	0.03	3.22	
	3rd main Road Site No 98-87 (E-W)	1	30.0	5.80	0.03	4.50	
		1	30.0	5.30	0.03	4.77	
		1	30.0	5.40	0.03	4.86	
		1	30.0	5.60	0.03	5.04	
		1	29.10	5.70	0.03	4.98	
	4th main Site No 196-179-(N-S)	1	30.0	5.20	0.03	4.68	
		1	30.0	5.30	0.03	4.77	
		1	30.0	5.40	0.03	4.86	
		1	30.0	5.40	0.03	4.86	
		1	30.0	5.40	0.03	4.86	
		1	25.20	6.20	0.03	4.69	
	3rd main Road 178-161-(S-N)	1	30.0	5.30	0.03	4.77	
		1	30.0	5.20	0.03	4.68	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 193163

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	5.20	0.03	4.68 Cub	
		1	30.0	5.20	0.03	4.68	
		1	30.0	5.20	0.03	4.68	
		1	22.50	5.60	0.03	3.78	
	2nd main Road (N-S)	1	30.0	5.10	0.03	4.59	
		1	30.0	5.30	0.03	4.77	
		1	30.0	5.40	0.03	4.86	
		1	30.0	5.40	0.03	4.86	
		1	30.0	5.40	0.03	4.86	
		1	19.50	5.80	0.03	3.39	
	Cross Roads	1	30.0	5.20	0.03	4.68	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	5.20	0.03	4.68	
		1	30.0	5.20	0.03	4.68	
		1	5.50	5.20	0.03	0.86	
					Totally	243.234	
	@ Rs 9987.36/cm					Rs 24,27,749=00	
	7) Local disposal of Debris shall be payable at Carriage rate by Mechanical Means including loading and unloading etc complete						
	Qty is same as item no (1)						
	Qty = 715.39 cmtr @ Rs 72.71/cmt					Rs 52,06=00	
						Total Amt	44,26,342=00
	11% KRIDL charges						4,86,893=00
	1% 3rd party inspection charges						44,263=00
						Totally	49,57,458=00

C&FC

25/8/2014

243.5

2430660.28

715.39

715.28

49,25,365

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 193164

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: Certified that the above said work completed satisfactorily No Debonics in work spot, work is carried out with in the BBMP limit. Checked & found all items are correct & measurements Assistant Executive Engineer Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.					JE	

Landscaping and Fencing

BP:M273
28/8/14

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						IT – 4925400	
						VAT – 197016.00	
						LWF – 492.54.00	
						CBP – 4925.00	
						ESD – 32048.00	
						LR – 69869.00	
						Total – 740464.00	

Audited & Admitted for Rs 4925360.00

4181896.00 by Cheque

and Rs 740464.00 by adjustment

Accts. Supdt.
Byatarayanapura Dn. BBMP

Exe. Engineer
Byatarayanapura Dn.
BBMP.

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 193165

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8